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UserID: NOgihara

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Date: 06/16/2000

Time: 12:02

	Type	Hits	Search Text	DBs
1	BRS	57	mullis-kary$.in.	USPAT; EPO; JPO; Derwent
2	BRS	3832	((SOUTHERN ADJ (BLOTS OR BLOT OR BLOTTINGS$)) AND (RESTRICTION NEAR5 FRAGMENT$))	USPAT; EPO; JPO; Derwent
3	BRS	11727	(SEQUENCING AND PRIMER$)	USPAT; EPO; JPO; Derwent
4	BRS	45	(((GC ADJ CONTENT)) AND AUTOMATED AND (((SOUTHERN ADJ (BLOTS OR BLOT OR BLOTTINGS$)) AND (RESTRICTION NEAR5 FRAGMENT$))) AND ((SEQUENCING AND PRIMER$)))	USPAT; EPO; JPO; Derwent
5	BRS	10	(((GC ADJ CONTENT)) AND (AUTOMATED ADJ (SEQUENCER$ OR SEQUENCING)) AND (((SOUTHERN ADJ (BLOTS OR BLOT OR BLOTTINGS$)) AND (RESTRICTION NEAR5 FRAGMENT$))) AND ((SEQUENCING AND PRIMER$)))	USPAT; EPO; JPO; Derwent
6	BRS	105	(GCG AND (PRIMER NEAR3 DESIGN))	USPAT; EPO; JPO; Derwent
7	BRS	16	((GCG NEAR10 COMPUTER) AND (PRIMER NEAR3 DESIGN))	USPAT; EPO; JPO; Derwent
8	BRS	9	(((((GCG NEAR10 COMPUTER) AND (PRIMER NEAR3 DESIGN))) AND (((SOUTHERN ADJ (BLOTS OR BLOT OR BLOTTINGS$)) AND (RESTRICTION NEAR5 FRAGMENT$))))	USPAT; EPO; JPO; Derwent
9	BRS	2	(((MULLIS-KARY$.IN.) AND PCR AND HYBRIDIZ$ AND PRIMER$) AND (SEQUENCING OR SEQUENCES OR SEQUENCE))	USPAT; EPO; JPO; Derwent
10	BRS	3832	((SOUTHERN ADJ (BLOTS OR BLOT OR BLOTTINGS$)) AND (RESTRICTION NEAR5 FRAGMENT$))	USPAT; EPO; JPO; Derwent
11	BRS	13	((MULLIS-KARY$.IN.) AND (COMPUTING OR COMPUTER))	USPAT; EPO; JPO; Derwent
12	BRS	10	((((MULLIS-KARY$.IN.) AND PRIMER$) AND (COMPUTING OR COMPUTER)) AND (PCR OR AMPLIFICATION$ OR AMPLIFY OR AMPLIFIES$))	USPAT; EPO; JPO; Derwent
13	BRS	8	((((MULLIS-KARY$.IN.) AND (BLOTTED OR BLOTS OR BLOTTING OR BLOT OR SOUTHERN) AND PRIMER$) AND (PCR OR AMPLIFY OR AMPLIFICATION$ OR AMPLIFIES$)) AND (COMPUTING OR COMPUTER))	USPAT; EPO; JPO
14	BRS	57	mullis-kary$.in.	USPAT; EPO; JPO; Derwent

	Time Stamp	Comments	Error Definition	Errors
1	2000/06/15 11:08			0
2	2000/06/15 09:32			0
3	2000/06/14 16:57			0
4	2000/06/14 17:02			0
5	2000/06/16 10:17			0
6	2000/06/14 17:14			0
7	2000/06/14 17:34			0
8	2000/06/14 17:36			0
9	2000/06/14 18:28			0
10	2000/06/15 09:33			0
11	2000/06/15 11:49			0
12	2000/06/15 13:18			0
13	2000/06/15 13:55			0
14	2000/06/15 13:19			0

	Type	Hits	Search Text	DBs
15	BRS	637	(NBRF OR ((NATIONAL ADJ BIOMEDICAL) ADJ RESEARCH ADJ FOUNDATION))	USPAT; EPO; JPO
16	BRS	30	((((NBRF OR ((NATIONAL ADJ BIOMEDICAL) ADJ RESEARCH ADJ FOUNDATION))) AND PRIMER$) AND (DOT ADJ MATRIX))	USPAT; EPO; JPO

	Time Stamp	Comments	Error Definition	Errors
15	2000/06/15 13:56			0
16	2000/06/15 13:58			0

	Type	L #	..s	Search Text	DBs
1	BRS	L1	77	mullis-k$.in.	USPAT; EPO; JPO; Derwent
2	BRS	L6	57	mullis-kary$.in.	USPAT; EPO; JPO; Derwent
3	BRS	L24	3832	(southern adj (blot or blots or blotting$)) and (restriction near5 fragment$)	USPAT; EPO; JPO; Derwent
4	BRS	L29	11727	primer$ and sequencing	USPAT; EPO; JPO; Derwent
5	BRS	L59	45	(39 AND 24 AND 29) and automated	USPAT; EPO; JPO; Derwent
6	BRS	L74	10	(39 AND (AUTOMATED ADJ (sequencing or SEQUENCer$)) AND 24 AND 29)	USPAT; EPO; JPO; Derwent
7	BRS	L84	105	gcg and (primer near3 design)	USPAT; EPO; JPO; Derwent
8	BRS	L94	16	((GCG NEAR10 COMPUTER) AND (PRIMER NEAR3 DESIGN))	USPAT; EPO; JPO; Derwent
9	BRS	L104	9	94 and 24	USPAT; EPO; JPO; Derwent
10	BRS	L115	2	(6 AND PCR AND HYBRIDIZ$ AND PRIMERS AND (SEQUENCE or sequences or sequencing))	USPAT; EPO; JPO; Derwent

	Time Stamp	Comments	Error Definition	Errors
1	2000/06/14 15:13			0
2	2000/06/14 18:24			0
3	2000/06/14 17:35			0
4	2000/06/14 16:57			0
5	2000/06/14 17:02			0
6	2000/06/14 17:34			0
7	2000/06/14 17:14			0
8	2000/06/14 17:34			0
9	2000/06/14 17:36			0
10	2000/06/14 18:28			0

(FILE 'HOME' ENTERED AT 13:46:08 ON 15 JUN 2000)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, LIFESCI, SCISEARCH, TOXLINE, CABA'
ENTERED AT 13:46:26 ON 15 JUN 2000

L1   0 S MULLIS K?/AU AND (DOT (W)MATRIX) AND PRIMER?
L2   0 S MULLIS K?/AU AND PIR AND PRIMER?
L3   272 S MULLIS K?/AU
L4   24 S MULLIS K?/AU AND PRIMER?
L5   15 DUP REM L4 (9 DUPLICATES REMOVED)
L6   710 S NBRF OR (NATIONAL BIOMEDICAL RESEARCH FOUNDATION)
L7   670743 S PRIMER? OR PCR OR AMPLIFICATION
L8   26 S L6 AND L7
L9   7 DUP REM L8 (19 DUPLICATES REMOVED)
L10 9 S L6 AND (DOT (W)MATRIX)
L11 3 DUP REM L10 (6 DUPLICATES REMOVED)
L12 37 S (DOT (W) MATRIX) AND PRIMER?
L13 6 S L12 AND PRIMER AND (PCR OR AMPLIFY OR AMPLIFT?)
L14 2 DUP REM L13 (4 DUPLICATES REMOVED)
L15 1414 S ((DOT (W) MATRIX) OR COMPARE OR DOTPLOT) AND PRIMER? AND (PCR
L16 5447 S PRIMER? (P) DESIGN
L17 78 S L15 AND L16
L18 24 DUP REM L17 (54 DUPLICATES REMOVED).
L19 5182 S PRIMER? (S) DESIGN
L20 74 S L19 AND L15
L21 23 DUP REM L20 (51 DUPLICATES REMOVED)
L22 46 S MACVECTOR
L23 0 S L22 AND L19
L24 9 S L22 AND PRIMER?

L24 ANSWER 1 OF 9 MEDLINE
TI ***MacVector*** . Integrated sequence analysis for the Macintosh.
AU Rastogi P A
SO METHODS IN MOLECULAR BIOLOGY, (2000) 132 47-69.
Journal code: BU3. ISSN: 1064-3745.

L11 ANSWER 1 OF 3 BIOSIS COPYRIGHT 2000 BIOSIS
TI MacVector: Sequence comparisons using a matrix method.
AU Olson, Sue A.
SO Griffin, A. M. [Editor]; Griffin, H. G. [Editor]. Methods in Molecular Biology, (1994) Vol. 25, pp. 215-225. Methods in Molecular Biology; Computer analysis of sequence data, Part II.
Publisher: Humana Press Inc. Suite 808, 999 Riverview Drive, Totowa, New Jersey 07512, USA.

L21 ANSWER 17 OF 23 MEDLINE   DUPLICATE 13
TI Identification of conserved sequences for ***PCR*** ***primer***
design by multiple alignments of ***dot*** ***matrix***
plots.
AU Kariko K
SO BIOTECHNIQUES, (1995 Jun) 18 (6) 1048-9.
Journal code: AN3. ISSN: 0736-6205.

L21 ANSWER 18 OF 23 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
TI Evaluation and comparison of the Amplicor HIV-1 ***PCR*** kit with an 'in-house' nested ***PCR***.
AU Fransen K.; Van Kerckhoven I.; Piot P.; Van der Groen G.
SO Clinical and Diagnostic Virology, (1995) 4/4 (311-319).
ISSN: 0928-0197 CODEN: CDVIE8
AB Background: The polymerase chain reaction (***PCR***), a powerful gene ***amplification*** technique, is moving rapidly from the research laboratory into routine clinical use. Objectives: To evaluate the specificity and sensitivity of a commercially available ***PCR*** kit, the Amplicor HTV-1 ***PCR*** kit (AMP) and to ***compare*** it with an in-house nested ***PCR***, which ***amplified*** part of the POL gene (POL(n)). Study ***design*** : A total of 517 samples were tested by AMP, including 159 fresh whole blood specimens from HIV-1 antibody positive Europeans and 358 archival samples (338 seropositive and 20 seronegative individuals) originating from 35 different countries in Africa and Europe. We compared the performance of AMP on the archival samples with POL(n). Results: The overall sensitivity and specificity as compared to HIV-1 serology were 93% and 100%, and 96% and 100%, for AMP and the in-house ***PCR*** , respectively. Repeat testing on co-cultured lymphocytes increased the sensitivity of AMP to 95%. Conclusions: AMP is a rapid, and easy to use commercially available ***PCR*** kit, since only one ***amplification*** of the test sample is required. Moreover, the use of radioactivity is omitted, and reading of the test can be done with a spectrophotometer. The use of at least one additional ***primer*** pair may increase confidence in distinguishing a positive and negative sample by both ***PCR*** techniques.